

(19) World Intellectual Property
Organization
International Bureau



557821

(43) International Publication Date
9 December 2004 (09.12.2004)

PCT

(10) International Publication Number
WO 2004/106273 A2

- (51) International Patent Classification⁷: **C07C 29/00** (74) Agent: **MARLOW, Nicholas Simon; Reddie & Grose, 16 Theobalds Road, LONDON, WC1X 8PL (GB).**
- (21) International Application Number: **PCT/GB2004/002303** (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (22) International Filing Date: **28 May 2004 (28.05.2004)**
- (25) Filing Language: **English**
- (26) Publication Language: **English**
- (30) Priority Data: **0312477.3 30 May 2003 (30.05.2003) GB**
- (71) Applicant (for all designated States except US): **MARS INCORPORATED [US/US]; 6885 Elm Street, McLean, VA 22101-3883 (US).**
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **JOHNSTON, Andrew, Gordon [GB/GB]; Masterfoods, Division of Mars Uk Ltd., Dundee Road, Slough SL1 4JX (GB). STANTON, Kevin, J. [US/US]; Masterfoods USA, 800 High St., Hackettstown, NJ 07840 (US). ANDREWS, Tam, L. [US/US]; Masterfoods USA, 800 High St., Hackettstown, NJ 07840 (US). YU, Yang [CN/CN]; Research & Development, Bifem Foods (Beijing) Co. Ltd, Room 712 Qing An Mansion, N° 27 Xiao Yun Road, Chao Yang District, Beijing 100027 (CN).**
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:
— without international search report and to be republished upon receipt of that report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

NOT AVAILABLE COPY

(54) Title: **PROCESS FOR THE PRODUCTION OF CONFECTIONERY PRODUCTS**

(57) Abstract: A process for the continuous production of confectionery products comprising crystallised xylitol comprising: feeding xylitol in liquid form which is capable of crystallisation on cooling into a mixer together with xylitol seed crystals; mixing the xylitol in liquid form and the xylitol seed crystals to produce a seeded mass; and discharging the seeded mass from the mixer, wherein the mixer is maintained at a temperature of between 80°C and 120°C, whereby build up of crystallised xylitol within the mixer is substantially prevented. The xylitol in liquid form may be molten xylitol or a solution of xylitol and may comprise xylitol alone or in high proportion in combination with other polyols.

WO 2004/106273 A2